

1-100

IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/664,044A

DATE: 07/27/2004
TIME: 16:24:11

Input Set : N:\AMC\US10664044A.raw
Output Set: N:\CRF4\07272004\J664044A.raw

1 <110> APPLICANT: Japan Atomic Energy Research Institute
 2 SATOH, Katsuya
 3 <120> TITLE OF INVENTION: A method for efficiently determining a DNA strand break
 4 <130> FILE REFERENCE: 001458.00037
 C--> 5 <140> CURRENT APPLICATION NUMBER: US/10/664,044A
 6 <141> CURRENT FILING DATE: 2003-09-17
 7 <150> PRIOR APPLICATION NUMBER: JP 2003-26303
 8 <151> PRIOR FILING DATE: 2003-02-03
 9 <160> NUMBER OF SEQ ID NOS: 4
 10 <170> SOFTWARE: PatentIn version 3.1
 12 <210> SEQ ID NO: 1
 13 <211> LENGTH: 284
 14 <212> TYPE: PRT
 15 <213> ORGANISM: Deinococcus radiodurans, strain KD8301
 16 <220> FEATURE:
 17 <223> OTHER INFORMATION: Amino acid sequence of DNA repair promoting protein, PprA, of
 18 Deinococcus radiodurans, strain KD8301.
 19 <400> SEQUENCE: 1
 20 Met Ala Arg Ala Lys Ala Lys Asp Gln Thr Asp Gly Ile Tyr Ala Ala
 21 1 5 10 15
 22 Phe Asp Thr Leu Met Ser Thr Ala Gly Val Asp Ser Gln Ile Ala Ala
 23 20 25 30
 24 Leu Ala Ala Ser Glu Ala Asp Ala Gly Thr Leu Asp Ala Ala Leu Thr
 25 35 40 45
 26 Gln Ser Leu Gln Glu Ala Gln Gly Arg Trp Gly Leu Gly Leu His His
 27 50 55 60
 28 Leu Arg His Glu Ala Arg Leu Thr Asp Asp Gly Asp Ile Glu Ile Leu
 29 65 70 75 80
 30 Thr Asp Gly Arg Pro Ser Ala Arg Val Ser Glu Gly Phe Gly Ala Leu
 31 85 90 95
 32 Ala Gln Ala Tyr Ala Pro Met Gln Ala Leu Asp Glu Arg Gly Leu Ser
 33 100 105 110
 34 Gln Trp Ala Ala Leu Gly Glu Gly Tyr Arg Ala Pro Gly Asp Leu Pro
 35 115 120 125
 36 Leu Ala Gln Leu Lys Val Leu Ile Glu His Ala Arg Asp Phe Glu Thr
 37 130 135 140
 38 Asp Trp Ser Ala Gly Arg Gly Glu Thr Phe Gln Arg Val Trp Arg Lys
 39 145 150 155 160
 40 Gly Asp Thr Leu Phe Val Glu Val Ala Arg Pro Ala Ser Ala Glu Ala
 41 165 170 175
 42 Ala Leu Ser Asp Ala Ala Trp Asp Val Ile Ala Ser Ile Lys Asp Arg
 43 180 185 190
 44 Ala Phe Gln Arg Glu Leu Met Arg Arg Ser Glu Lys Asp Gly Met Leu



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45	195	200	205
46	Gly Ala Leu Leu Gly Ala Arg His Ala Gly Ala Lys Ala Asn Leu Ala		
47	210	215	220
48	Gln Leu Pro Glu Ala His Phe Thr Val Gln Ala Phe Val Gln Thr Leu		
49	225	230	235
50	Ser Gly Ala Ala Ala Arg Asn Ala Glu Glu Tyr Arg Ala Ala Leu Lys		240
51	245	250	255
52	Thr Ala Ala Ala Ala Leu Glu Glu Tyr Gln Gly Val Thr Thr Arg Gln		
53	260	265	270
54	Leu Ser Glu Val Leu Arg His Gly Leu Arg Glu Ser		
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57	<210> SEQ ID NO: 2		
58	<211> LENGTH: 855		
59	<212> TYPE: DNA		
60	<213> ORGANISM: Deinococcus radiodurans, strain KD8301		
61	<220> FEATURE:		
62	<223> OTHER INFORMATION: Nucleotide sequence of DNA repair promoting protein, pprA, of Deinococcus radiodurans, strain KD8301.		
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71	taccgcgttc cggcgactt gccgttggcg cagctcaagg tgctgatcga gcacgcccgc	420	
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83	<212> TYPE: DNA		
84	<213> ORGANISM: Deinococcus radiodurans		
85	<220> FEATURE:		
86	<223> OTHER INFORMATION: Sense primer for amplifying pprA gene.		
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93	<213> ORGANISM: Deinococcus radiodurans		
94	<220> FEATURE:		
95	<223> OTHER INFORMATION: Antisense primer for amplifying pprA gene.		
96	<400> SEQUENCE: 4		

RAW SEQUENCE LISTING

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32

RAW SEQUENCE LISTING ERROR SUMMARY
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Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 3,17

Seq#:2; Line(s) 62

VERIFICATION SUMMARY

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L:5 M:270 C: Current Application Number differs, Wrong Format